

CLAIMS

What is claimed is:

- 5 1. In an electronic server device in communication with a network, a method for interacting with a client, comprising the steps of:
downloading a file containing CLI registration information to the client; and
receiving at least one update from the client containing at least one client
originating CLI command.
- 10 2. The method of claim 1, further comprising storing the at least one client originating CLI command.
3. The method of claim 1, wherein the update comprises at least one update file.
- 15 4. The method of claim 3, further comprising downloading the at least one update file containing at least one client originating CLI command to a second client.
5. The method of claim 3, wherein the file and the at least one update file are XML
20 files.
6. In an electronic device in communication with a network, a method for interacting with a server, comprising the steps of:
receiving a file containing CLI registration information from the server;
25 storing the file; and
parsing the file to decipher information pertaining to CLI commands.
7. The method of claim 1, further comprising establishing an update file containing at least one client originating command.
- 30 8. The method of claim 7, further comprising sending the update file containing at least one client originating CLI command to the server.

9. The method of claim 1, further comprising receiving an additional filed containing CLI registration information comprising a new CLI command from a distinct client.

5 10. In an electronic server device in communication with a network, a method for interacting with a database, comprising the steps of:

receiving a request from a command line interface client;

mapping the request to an instance of an object class;

the object class instance querying the database to respond to the request;

10 the object class instance instructing the construction of an outgoing user interface; and

constructing the outgoing user interface and sending a response to the request to the command line interface client.

15 11. The method of claim 10, wherein the step of receiving a request comprises receiving an interface command from the command line interface client, the interface command being one of a predetermined set of interface commands.

20 12. The method of claim 10, wherein the step of receiving a request comprises receiving an interface command from the command line interface client, the interface command being an interface command provided by the command line interface client.

25 13. The method of claim 10, wherein the step of mapping comprises the controller servlet mapping the request to the object class instance.

14. The method of claim 10, wherein the step of the object class instance querying the registration service comprises the object class instance pushing results of the request into a context accessible by a server page for constructing the user interface.

30 15. The method of claim 10, wherein the step of instruction the construction of an outgoing user interface comprises a selection of a server page corresponding to the language of the command line interface client request.

16. The method of claim 10, wherein the request relates to a list of registered applications.

5 17. The method of claim 10, wherein the database comprises a registration service.

18. In an electronic client device, a method for interacting with a server, comprising the steps of:

10 sending a request from a command line interface of a command line interface client to a server; and
receiving a response to the request at the command line interface client, such that the command line interface client can present a user with the response;
wherein the command line interface client utilizes at least one of commands originating at the client and commands originating at the server.

15 19. The method of claim 18, further comprising the step of automatically downloading commands from the server upon connection with the server.

20 20. The method of claim 18, wherein the server includes an application registration service.

21. A computer readable medium containing an HTTP based software command line interface tool, comprising:

25 a predetermined set of commands for executing tasks; and
a protocol for automatic connection with a remote session and management of such connection, including downloading of commands from a server of the remote session;

wherein the interface tool enables a client to add new interface commands to the interface tool and remotely execute the new interface commands.

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22. A computer readable medium containing a software tool for executing a method in an electronic server device in communication with a network for interacting with a client, the method comprising the steps of:

- 5 downloading a file containing CLI registration information to the client; and
- receiving at least one update from the client containing at least one client originating CLI command.

23. A computer readable medium containing a software tool for executing a method in an electronic server device in communication with a network for interacting with a database, the method comprising the steps of:

- 10 receiving a request from a command line interface client;
- mapping the request to an instance of an object class;
- the object class instance querying the database to respond to the request;
- the object class instance instructing the construction of an outgoing user
- 15 interface; and
- constructing the outgoing user interface and sending a response to the request to the command line interface client.

24. A computer readable medium containing a software tool for executing a method in an electronic client device for interacting with a server, the method comprising the steps of:

- 20 sending a request from a command line interface of a command line interface client to a server; and
- receiving a response to the request at the command line interface client, such that
- 25 the command line interface client can present a user with the response;
- wherein the command line interface client utilizes at least one of commands originating at the client and commands originating at the server.